

78

may-  
to  
as  
to  
in  
in  
news  
s  
own  
itself.

An Essay  
on the  
Small Pox and Vaccination.  
And the  
Causes of the frequent failure  
of the  
Latter, as a preventive of the  
Former disease.

9

By William T. Morgan.  
Of S. Carolina.

— "Precaution  
is better than cure"  
Crisper

for as can  
of the  
distance  
the power  
could, for  
He beh  
appearance  
ing, play  
of the old  
nature of  
but three  
his side.

1  
Nature seems to have intended, as far as can be gathered from history, that great numbers of the human race should be destroyed by contagious diseases. Incalculable has been the mortality from this source in all ages and in every portion of the world, from its first creation down to the present era.

It behoves us therefore to enquire into the facts, appearances, the cause and consequences of such wide wasting plagues. This is the more important as the theory of the old schools has been exploded, the ancient doctrine of fever overturned, and the students are bid to shut their books and learn unwritten lessons at the bed side. It is therefore our duty to think and reason

101

for ourselves  
ing to suffer  
diseases, wh  
season, and

It is no a  
reason to be  
ing one of the  
to do this

and philola  
attempt  
happy, d  
the of

diseases so  
in the  
treatment  
different  
a correct  
a with me

and it is

for reason, and unprejudice, having no favourite the-  
ory to support, endeavor to select that mode of treating  
diseases, which to us appears the most plausible, having  
reason, and well directed experience for its foundation.

It no doubt is a pleasing reflection if hereafter we have  
reason to believe, that we have contributed our aid in remove-  
ing one of the misfortunes which "flesh is heir to," and a desire  
to do this has ever proved a stimulus to the philosopher  
and philanthropist to use all their exertions; and every  
attempt to render the situation of man on earth more  
happy, deserves to be cherished, tho it may fail.

One of the first in the catalogue of contagious  
diseases is the small pox, which with the vaccine matter  
are the theme of the following thesis. The history and  
treatment of the former is derived by the perusal of  
different writers on that disease; the idea whether false  
or correct, respecting a deterioration of the vaccine matter  
is with me original.

I commence first with the small pox,  
and it is a matter of little importance, as regards the

bought it  
when this  
is a that  
evidently a  
period. It  
when it be  
the From  
dissemina  
reaches to  
the house  
written to  
category of  
America  
the ignor  
enough to  
the  
divided in  
St. Thomas  
the rough  
destination

benefit it would confer on mankind, to know certainly where this disease originated. At present the received opinion is that it owes its origin to China, and I understand evidently it was known in those countries at a very remote period. The most account we receive of it is from Arabia when it broke out in the year six hundred and twenty two. From this point as from a centre, it gradually disseminated itself into Europe, and Asia Minor, and reached England, about the close of the ninth century. It is however, the opinion of Dodo Braddville, that it existed there long before this period. In the sixteenth century it was carried by the successors of Columbus to America, and the ravages which it committed upon the ignorant and unprotected inhabitants is painful enough to shock the feelings of humanity.

The small pox is by the most systematic writers divided into two forms; the Dissect, and Confluent. St. Thomas, makes four divisions, first the febrile, second the confluent, third the maturative, and fourth the desultory, or scabbing, which is usually known by

\*I mean by this the possible chance that the  
venomulation has taken effect

the man  
treatment  
able, even  
sistently, a  
also ad  
always for  
the efflu  
we have  
of the ve  
How  
system,  
suppose  
but much  
when by  
usually  
redness of  
the heart  
sea, some  
great loss



the name of secondary fevers. The symptoms and treatment of the confluent and distinct forms are nearly alike, except in the confluent the symptoms are more violent, and the treatment demanded more energetic.

In either variety, which it may present itself, it is always produced by inhaling air impregnated with the effluvia arising from the bodies of those who are labouring under the disease; or by the introduction of the variolous poison into the system by inoculation.

However this morbid matter is introduced into the system, it generally makes its appearance on the surface in ten or fifteen days, frequently much sooner, but sometimes as late as the twenty fourth day. But when by inoculation, the third day is the time it usually appears.\*

The small pox, is preceded by chilliness, redness of the eyes, soreness of the throat, pains in the head back and limbs, lassitude, heat, thirst, nausea, vomiting and quick pulse. In adults there is a great tendency to sweat, which is considered as a favourable

able eyes  
type of  
common  
to attach  
beard of  
adults  
life con  
in affect  
which m  
Terror an  
then it  
more de  
in any  
there is  
inferred  
different  
four co  
no succe  
convinced



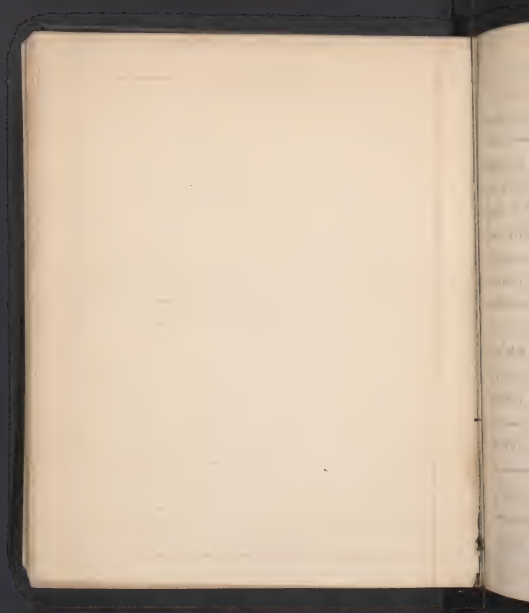
• *Explanations of the terms by the author*  
• *the first part of the work is devoted to*  
• *the history of the science of the mind*  
• *the second part is devoted to the history of the*  
• *science of the body*  
• *the third part is devoted to the history of the*  
• *science of the soul*

the first of these is the fact that the  
 author has been very successful in  
 his efforts to make the story as  
 interesting as possible.

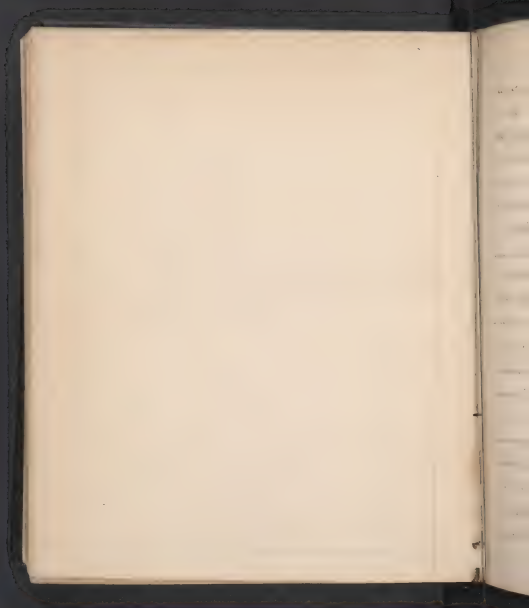
The second of these is the fact that the  
 author has been very successful in  
 his efforts to make the story as  
 interesting as possible. The third of  
 these is the fact that the author has  
 been very successful in his efforts to  
 make the story as interesting as possible.  
 The fourth of these is the fact that the  
 author has been very successful in his  
 efforts to make the story as interesting  
 as possible. The fifth of these is the  
 fact that the author has been very  
 successful in his efforts to make the  
 story as interesting as possible.

### CHAPTER IV

The first of these is the fact that the  
 author has been very successful in  
 his efforts to make the story as  
 interesting as possible. The second of  
 these is the fact that the author has  
 been very successful in his efforts to  
 make the story as interesting as possible.  
 The third of these is the fact that the  
 author has been very successful in his  
 efforts to make the story as interesting  
 as possible. The fourth of these is the  
 fact that the author has been very  
 successful in his efforts to make the  
 story as interesting as possible.





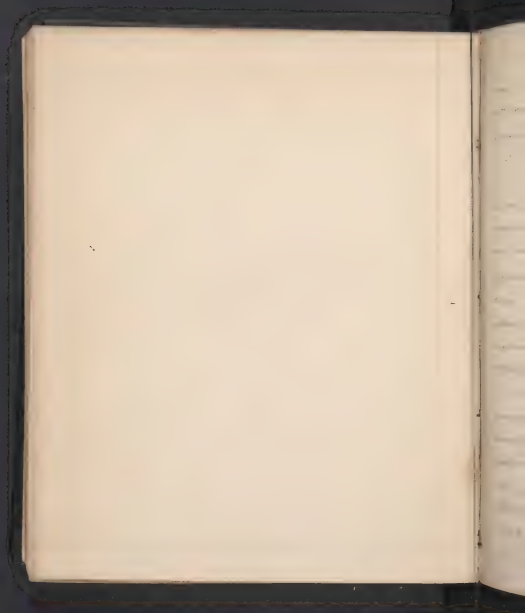




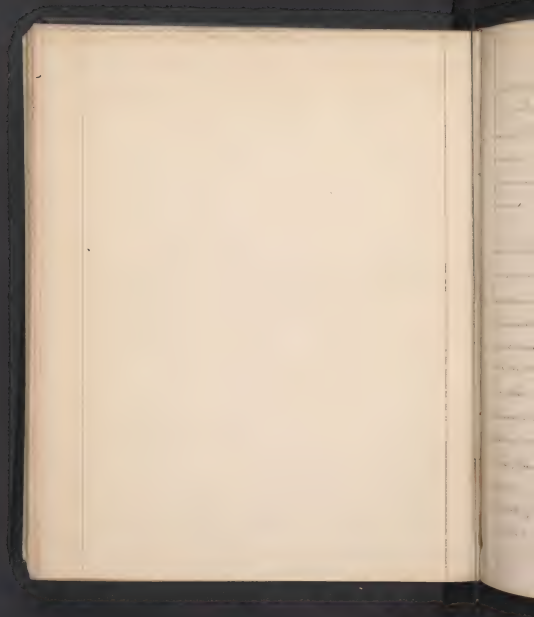












..... *end* .....

2. *Chrysomelids* (Chrysomelidae) (10 species)

$$x + y = 0 \quad x + y = 1 \quad x + y = 2 \quad x + y = 3 \quad x + y = 4 \quad x + y = 5 \quad x + y = 6 \quad x + y = 7 \quad x + y = 8 \quad x + y = 9$$

1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110. 111. 112. 113. 114. 115. 116. 117. 118. 119. 120. 121. 122. 123. 124. 125. 126. 127. 128. 129. 130. 131. 132. 133. 134. 135. 136. 137. 138. 139. 140. 141. 142. 143. 144. 145. 146. 147. 148. 149. 150. 151. 152. 153. 154. 155. 156. 157. 158. 159. 160. 161. 162. 163. 164. 165. 166. 167. 168. 169. 170. 171. 172. 173. 174. 175. 176. 177. 178. 179. 180. 181. 182. 183. 184. 185. 186. 187. 188. 189. 190. 191. 192. 193. 194. 195. 196. 197. 198. 199. 200. 201. 202. 203. 204. 205. 206. 207. 208. 209. 210. 211. 212. 213. 214. 215. 216. 217. 218. 219. 220. 221. 222. 223. 224. 225. 226. 227. 228. 229. 230. 231. 232. 233. 234. 235. 236. 237. 238. 239. 240. 241. 242. 243. 244. 245. 246. 247. 248. 249. 250. 251. 252. 253. 254. 255. 256. 257. 258. 259. 260. 261. 262. 263. 264. 265. 266. 267. 268. 269. 270. 271. 272. 273. 274. 275. 276. 277. 278. 279. 280. 281. 282. 283. 284. 285. 286. 287. 288. 289. 290. 291. 292. 293. 294. 295. 296. 297. 298. 299. 300. 301. 302. 303. 304. 305. 306. 307. 308. 309. 310. 311. 312. 313. 314. 315. 316. 317. 318. 319. 320. 321. 322. 323. 324. 325. 326. 327. 328. 329. 330. 331. 332. 333. 334. 335. 336. 337. 338. 339. 340. 341. 342. 343. 344. 345. 346. 347. 348. 349. 350. 351. 352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363. 364. 365. 366. 367. 368. 369. 370. 371. 372. 373. 374. 375. 376. 377. 378. 379. 380. 381. 382. 383. 384. 385. 386. 387. 388. 389. 390. 391. 392. 393. 394. 395. 396. 397. 398. 399. 400. 401. 402. 403. 404. 405. 406. 407. 408. 409. 410. 411. 412. 413. 414. 415. 416. 417. 418. 419. 420. 421. 422. 423. 424. 425. 426. 427. 428. 429. 430. 431. 432. 433. 434. 435. 436. 437. 438. 439. 440. 441. 442. 443. 444. 445. 446. 447. 448. 449. 450. 451. 452. 453. 454. 455. 456. 457. 458. 459. 460. 461. 462. 463. 464. 465. 466. 467. 468. 469. 470. 471. 472. 473. 474. 475. 476. 477. 478. 479. 480. 481. 482. 483. 484. 485. 486. 487. 488. 489. 490. 491. 492. 493. 494. 495. 496. 497. 498. 499. 500. 501. 502. 503. 504. 505. 506. 507. 508. 509. 510. 511. 512. 513. 514. 515. 516. 517. 518. 519. 520. 521. 522. 523. 524. 525. 526. 527. 528. 529. 530. 531. 532. 533. 534. 535. 536. 537. 538. 539. 540. 541. 542. 543. 544. 545. 546. 547. 548. 549. 550. 551. 552. 553. 554. 555. 556. 557. 558. 559. 560. 561. 562. 563. 564. 565. 566. 567. 568. 569. 570. 571. 572. 573. 574. 575. 576. 577. 578. 579. 580. 581. 582. 583. 584. 585. 586. 587. 588. 589. 590. 591. 592. 593. 594. 595. 596. 597. 598. 599. 600. 601. 602. 603. 604. 605. 606. 607. 608. 609. 610. 611. 612. 613. 614. 615. 616. 617. 618. 619. 620. 621. 622. 623. 624. 625. 626. 627. 628. 629. 630. 631. 632. 633. 634. 635. 636. 637. 638. 639. 640. 641. 642. 643. 644. 645. 646. 647. 648. 649. 650. 651. 652. 653. 654. 655. 656. 657. 658. 659. 660. 661. 662. 663. 664. 665. 666. 667. 668. 669. 670. 671. 672. 673. 674. 675. 676. 677. 678. 679. 680. 681. 682. 683. 684. 685. 686. 687. 688. 689. 690. 691. 692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 707. 708. 709. 710. 711. 712. 713. 714. 715. 716. 717. 718. 719. 720. 721. 722. 723. 724. 725. 726. 727. 728. 729. 730. 731. 732. 733. 734. 735. 736. 737. 738. 739. 740. 741. 742. 743. 744. 745. 746. 747. 748. 749. 750. 751. 752. 753. 754. 755. 756. 757. 758. 759. 760. 761. 762. 763. 764. 765. 766. 767. 768. 769. 770. 771. 772. 773. 774. 775. 776. 777. 778. 779. 780. 781. 782. 783. 784. 785. 786. 787. 788. 789. 790. 791. 792. 793. 794. 795. 796. 797. 798. 799. 800. 801. 802. 803. 804. 805. 806. 807. 808. 809. 810. 811. 812. 813. 814. 815. 816. 817. 818. 819. 820. 821. 822. 823. 824. 825. 826. 827. 828. 829. 830. 831. 832. 833. 834. 835. 836. 837. 838. 839. 840. 84

$$18 \quad \frac{1}{\sqrt{1-x^2}} = \frac{1}{\sqrt{1-(\frac{1}{2}x)^2}} = \frac{1}{\sqrt{1-\frac{1}{4}x^2}} = \frac{1}{\sqrt{\frac{4-x^2}{4}}} = \frac{1}{\frac{\sqrt{4-x^2}}{2}} = \frac{2}{\sqrt{4-x^2}} = \frac{2}{\sqrt{2^2-x^2}} = \frac{2}{2\sqrt{1-\frac{x^2}{2^2}}} = \frac{1}{\sqrt{1-\frac{x^2}{2^2}}}$$

11. The following table shows the number of people who attended the 2008 Summer Olympics in Beijing, China, and the 2012 Summer Olympics in London, England. The number of people who attended the 2008 Summer Olympics in Beijing, China, was 1.1 million more than the number of people who attended the 2012 Summer Olympics in London, England. How many people attended the 2008 Summer Olympics in Beijing, China?

















There are no fossils which are common to both  
the two beds, and the fossils of the lower bed are

and the first of the - second class in the water  
the first of the second class in the water











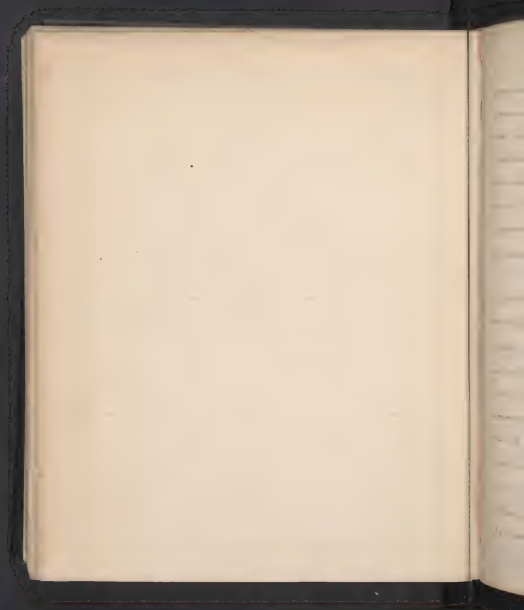




the first of these is the fact that the people of the  
nation are not yet united in a common sentiment  
of loyalty to the Union.

It is not enough to say that the people are  
not united in sentiment. It is also true that they  
are not united in action. The people of the  
nation are not yet united in a common sentiment  
of loyalty to the Union. It is not enough to say  
that the people are not united in sentiment. It is  
also true that they are not united in action. The  
people of the nation are not yet united in a common  
sentiment of loyalty to the Union. It is not enough  
to say that the people are not united in sentiment.  
It is also true that they are not united in action.

The people of the nation are not yet united in a  
common sentiment of loyalty to the Union. It is  
not enough to say that the people are not united  
in sentiment. It is also true that they are not  
united in action. The people of the nation are  
not yet united in a common sentiment of loyalty  
to the Union. It is not enough to say that the  
people are not united in sentiment. It is also true  
that they are not united in action. The people of  
the nation are not yet united in a common sentiment  
of loyalty to the Union. It is not enough to say  
that the people are not united in sentiment. It is  
also true that they are not united in action.







glared  
and  
glory  
into one

the com  
we must

from ma  
the two  
the

strongest  
action

confat of  
be strictly

results of  
in the  
matter

I  
small  
much

relieved by the warm bath and exposure to the cool air. Should they return again, bleed and if necessary apply leeches to the neck, and stimulents to the extremities.

If the erythema is bad, in its appearance, the emetics and cathartics have failed in producing it, we must then rely on the warm bath to be repeated *pro re nata*. Should a passive hemorrhage occur, the *ferri Terribilis* has been highly recommended.

The throat is to be frequently washed with some astringent gargle, into the composition of which camphor enters. Great attention should be paid to the ease and comfort of the patient. Cleanliness and cool air must be strictly adhered to, and all heating or stimulating articles of food, or drink, strenuously avoided. As soon as the pustules matured, they are to be opened, the matter evacuated and immediately wiped off.

I have now concluded my remarks on the small pox, it would have been easy to have continued much longer, but I have endeavored to be as concise as

the last  
that the  
from the  
doubtless  
is often  
extensive  
and from  
directly  
various

the subject would admit. Would that I could now add  
 that the accumulative proofs of the utility of vaccina-  
 tion, had occasioned its universal adoption, and finally  
 should we be convinced, that this remedy which has  
 so often supported our hopes, when the small pox has  
 extensively prevailed, is now entirely useless, we hope  
 and trust, that He who provides our <sup>means</sup> ~~resources~~, and  
 directs them in their application, will reveal to us  
 another ~~and~~ safe and sufficient remedy.